



{In Archive} Retrofits in CB
Christopher Moore to: Tom Zolper

07/01/2011 02:23 PM

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Hi Tom,

I put in calls to Montgomery County, Baltimore, and Anne Arundel to see if they were ok with sharing the information EPA gathered from the SW Rule, but only heard back from Anne Arundel. Here's the info for Anne Arundel, presumably the info on the others will be made public in the docket for the rulemaking.

Anne Arundel would like to know if you use the information.

Survey ID: regd46797

Name: Ronald Bowen, Ginger Ellis, and Janis Markusic (410)222-7092

Anne Arundel County, MD

Date/Time of call: Friday 3/25, 9:00am

The NPDES permit for Anne Arundel County includes a watershed assessment requirement. Working toward this requirement, about 8 of the county's 12 major watersheds have been examined and potential retrofit areas, particularly eroded streams, were identified and prioritized. Additionally, the county's current MS4 permit includes a 10% impervious surface reduction requirement; the upcoming draft permit increases this requirement to 20%. The state is currently preparing a document to advise states and counties with the impervious reduction requirement what may be credited toward their percent goal.

Ann Arundel County has completed retrofit projects on both public and private property. For projects on private property, they have acquired permanent easements and have focused on areas that are affected by runoff from county owned infrastructure. Retrofit practices have included conversion of dry ponds to wet ponds, coastal plain outfall retrofits, and incorporating stream restorations in coastal plains to address erosion. These projects are funded primarily through the county general fund (the county is not a utility). Ann Arundel County also applies for state and federal grants when they are available, but this is not a significant funding source.

Monitoring of has been conducted by University of Maryland in a study lasting about 4 years to assess nitrogen load reduction. The study shows variable N reduction success among projects; the county's oldest retrofit (12 years old) has been shown to effectively reduce nitrogen load, but other projects have not shown an overall load reduction. The final report is expected to be complete by summer.

Regards,

Christopher Moore
United States Environmental Protection Agency
Office of Wastewater Management
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Moore.Christopher@epa.gov



{In Archive} Re: FW: DC MS4 permit
Christopher Moore to: Kosco, John

10/07/2011 02:10 PM

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No, I hadn't seen that. Thanks.

Christopher Moore
United States Environmental Protection Agency
Office of Wastewater Management
202.564.7299
Moore.Christopher@epa.gov

"Kosco, John"

I assume you guys got a copy of the DC MS4 pe...

10/07/2011 10:07:45 AM

From: "Kosco, John" <john.kosco@tetrattech.com>
To: Rachel Herbert/DC/USEPA/US@EPA, Holly Galavotti/DC/USEPA/US@EPA, Christopher Kloss/DC/USEPA/US@EPA, Christopher Moore/DC/USEPA/US@EPA
Date: 10/07/2011 10:07 AM
Subject: FW: DC MS4 permit

I assume you guys got a copy of the DC MS4 permit. Chris M – did you see the retrofit requirement? They're required to retrofit 18 Million square feet of impervious surface over the permit term (413 acres, which is about 1.6% of the land area in the separated system portion of the District).

John

From: Kosco, John
Sent: Friday, October 07, 2011 9:18 AM
To: Parker, Andrew (andrew.parker@tetrattech.com); Williams, Christy (Christy.Williams@tetrattech.com); Frey, Martina Keefe (martina.frey@tetrattech.com); Tanning, Barry (barry.tanning@tetrattech.com)
Subject: DC MS4 permit

FYI – EPA issued the DC MS4 permit, which we helped with about a year ago under Andrew's Chesapeake Bay task order. Its pretty aggressive, and requires DC to install at least 350,000 sf of green roofs on District buildings, plant at least 4,150 trees annually, retain 1.2 inches of runoff for new development over 5,000 sf, and develop a retrofit strategy.

A Washington Post article on the permit is at:

http://www.washingtonpost.com/national/health-science/epa-renews-dcs-stormwater-discharge-permit-under-conditions/2011/10/05/gIQAAbFovOL_story.html

And the permit is at:

http://www.epa.gov/reg3wapd/pdf/pdf_npdes/Wastewater/DC/DCMS4permit2011.pdf

The EPA press release is at:

<http://yosemite.epa.gov/opa/admpress.nsf/0/AC714E4DB1DD491C8525792000617A95>

John